M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No 1st and final Bill

Name of work "Repair and renovation to samudhaya Building at JP Colony in ward no-05 Yelahanka new town sub division".

130001

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est Cost :-	12,00,000 lakhs.					
	JOB Code no :-	005-23-000014					
	name of contractor :-	SRi. Akhilesh. C Bangalore					
	work orders no :-	BBMP/EE/YNK.D/EPMT-II/W-0/108/2022-23 dated 08-02-2023					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	demolishing R.C.C. work manually / by mechanical means including stacking of steels bars and disposal of unserviceable material qty vide pre-measurement recorded on MB Pg No - 13003/ qty 14.40 Sqm @ Rs 1798.54 = 25898.98.						
2)	Extra for cutting Reinforcement bars manually / by mechanical means in R.C.C & R.B. work [payment shall be made on cross sectional area of RCC & RB work] qty vide pre-measurement recorded on MB Pg no - 13003/ qty 13.20 Sqm @ Rs 540.14 = 7129.85						

M. A. R. 57 (Rule 116) No. E

Measurement Book

130002

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material. qty vide Pre-measurement recorded on this MB Pgno - 130031 qty 13.08 Sqm @ Rs 357.19 = 4672.05						
6)	Providing and laying vitrified tiles in diffrent sizes [thickness to be specified by manufacturer] with water absorption less than 0.08 %. and conforming to IS 15622.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Samudhaya Bhavaha						
	Ground floor						
	Toilet cladding	1	·625	4.65		29.06	
		2	1.60	1.80		5.76	
		2	2.00	1.80		7.20	
	Cladding	1	4.65	0.90		4.19	
		2	1.00	0.90		1.80	
				Total qty		48.01	SQM
						@ RS 105.34 = 5057.11	

M. A. R. 57 (Rule 116) No. E
Measurement Book

130003

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc. of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7>	Providing and fixing pre cast rowling slab made out of c:c:1:2:4 with 10cm thick and finishing cutting including form work. missing slabs						
	School front drain	1.00	30.00	0.90		27.00	
	Somudhya Bhavana MAIN Rd	32.00	0.90	0.60		17.28	
	1st cross Rd	15.00	0.90	0.60		8.10	
	2nd cross Rd	10.00	0.90	0.60		5.40	
	Behind school	22.00	0.90	0.60		11.88	
						69.66	SQM

@RS 1823.36 = 127015.26

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Earth work Excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches. foundation of bridges.						
	qty vide Pre-measurement recorded on this MB Pg no - 130031						
	qty upto 125%.	-	3.75	Cum	@ RS 192.63	= 722.36	
	qty Above 125%.	-	21.3	Cum	@ RS 185.30	= 3947.98	
9)	Providing and filling in foundation with granite / trap broken metal 100mm and down size with approved sand.						
	qty vide Pre-measurement Recorded on this MB Pg no - 130032						
	qty upto 125%.	-	0.25	Cum	@ RS 2479.05	= 619.76	
	qty Above 125%.	-	2.26	Cum	@ RS 2384.68	= 5378.87	

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 130004

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10/	Providing and laying in Position Plain Cement concrete for levelling course for all work in foundation. the granite / trap / basalt crushed graded coarse aggregate. qty vide Pre-Measurement Recorded on this MB Pg no - 130032						
	qty upto 125% - 0.38 cum @ Rs 5376.27 = 2016.10						
	qty Above 125% - 2.50 cum @ Rs 5171.61 = 12908.33						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15>	Providing and laying in position Reinforced cement concrete for all sub structures of building, Irrigation works, Sub structure works.						
	qty vide Pre-measurement Recorded on this MB Pgno-130033						
	qty upto 125%.					- 0.75 Cum @ RS 6380.28 = 4785.21	
	qty Above 125%.					- 5.51 Cum @ RS 5985.23 = 33002.55	
16>	Providing thermo-mechanically treated bars of grade Fe-550 steel Reinforcement for R.C.C work- including straightening.						
	qty vide Pre-measurement Recorded on this MB Pgno-130033						
	qty upto 125%.					- 368.75 kg @ Rs 92.93 = 34267.94	
	qty Above 125%.					- 69.73 kg @ RS 89.39 = 6233.19.	

M. A. R. 57 (Rule 116) No. E

Measurement Book

130005

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	17) Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200mm having block density more than 1800 kg/M3. qty vide Pre-measurement Recorded on this MB Pgno-130034 qty 21.80 SqM @ Rs 1027.05 = 22389.69.						
	18) Dismantling plastering and removing the debris with a lead. qty vide Pre-measurement Recorded on this MB Pgno-130034-35 qty 139.68 @ Rs 35.82 = 5003.43						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
19>	Providing 18mm cement Plaster in two coats under layer 12mm thick cement plaster with cement mortar.						
	qty vide Pre-measurement Recorded on this MB Page no-13003						
	qty 110.62 Sqm @ RS 311.70 = 34480.25						
20>	Providing 20mm cement Plaster of mix 1:4 [1 cement : 4 Fine Sand] to brick/stone masonry including rounding off corners.						
	Parapet Wall						
	for Plasters	2	6.25		1.00	12.50	
		2	4.65		1.90	9.30	
						21.80	Sqm
						@ RS 289.43 = 6309.57	

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. 130006

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21)	Providing 12mm thick Cement plaster in floating coat of neat Cement of mix 1:4 to Brick masonry including Rounding off. Samudhya Bhavana.						
	for Ceiling Plaster	1	6.25	4.65		29.06	
		2	0.90	4.65		8.37	
		1	0.90	6.25		5.63	
						43.06	Sqm
			@	RS 253-62		=10920.24	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
22>	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture. for ground floor						
	Inside	2	6.25		3.00	37.50	
		2	4.65		3.00	27.90	
	ceiling	1	6.25	4.65		29.06	
	outside	2	6.25		3.20	40.00	
		2	4.65		3.20	29.76	
	deduction						
	door	-4	1.75		2.10	-14.70	
	W	-4	1.60		1.20	-7.68	
	W1	-2	0.90		1.20	-2.16	
	@RS 80.34 = 11222.09.					139.68 Sqm	

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To 130007
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23	finishing wall with Acrylic Smooth Exterior Paint of required shade: new work [two coat applied @ 1.67 ltr / 10m. for ground floor						
	Inside	2	6.25		3.00	37.50	
		2	4.65		3.00	27.90	
	Ceiling	2	6.25	4.65		58.13	
	Outside	2	6.25		3.20	40.00	
		2	4.65		3.20	29.76	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	deduction						
	door	-4	1.75		2.10	-14.70	
	W	-4	1.60		1.20	-7.68	
	W1	-2	0.90		1.20	-2.16	
	staircase						
	ground floor						
	waist slab	2	3.50		1.50	10.50	
	steps.	triangular area			0.5*0.3*0.45 = 0.022		
		17	0.80		0.45	6.42	
	landing slab	1	1.00		1.18	1.18	
	for ceiling plaster	1	6.25	4.65		29.06	
		2	1.60	2.10		6.72	

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 130008

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	2.00	2.10		8.40	
						230.72	Sqm @ RS 131.65 = 30374.62
	24) Finishing with Epoxy Paint [2 coats] at all locations Prepared and applied as per manufacture - specifications. for ground Floor						
	inside	2	6.25		3.00	37.50	
		2	4.65		3.00	27.90	
	Ceiling	2	6.25	4.65		58.13	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Outside	2	6.25		3.20	40.00	
		2	4.65		3.20	29.76	
	deduction						
	door	-4	1.75		2.10	-14.70	
	W	-4	1.60		1.20	-7.68	
	W1	-2	0.90		1.20	-2.16	
	Staircase						
	ground floor						
	waist slab	2	3.50		1.50	10.50	
	steps - triangular area		0.5 * 0.3 *		0.15	= 0.022	
		17	0.80		0.45	6.12	

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To 130009

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	landing slab	1	1.00		1.18	1.18	
	for ceiling Plaster	1	6.25	4.65		29.06	
	for Toilet	2	1.60	2.10		6.72	
		2	2.00	2.10		8.40	
	for Plaster	2	6.30		1.00	12.50	
		2	4.70		1.00	9.30	
						252.52	3.97
				@ Rs	133.58	= 33731.96	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25)	Providing and laying 50 mm thick cement concrete flooring with concrete hardner topping, under layer 40mm thick. for Samudhaya Bhavana						
		1	6.30	4.65		29.06	
	qty upto 125% - 10.41 Sqm					29.06	Sqm ~~@ RS~~.
	@ RS 716.76 = 7463.26						
	qty Above 125% -- 18.65 Sqm @ RS 674.15 = 12572.95.						
26)	Providing and placing on terrace [at all floor levels], Polyethlene Water storage tank. for Samudhaya Bhavana						
		1.00	2000.00			2000.00	
	@ RS 7.92 = 15840.00					2000.00 Ltr.	

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

130010

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
27)	Providing and laying Water Proofing treatment to the Roof with PU based single component elastomeric Pure Polyurethane for Samudhaya Bhavana						
	Staircase Area	1	6.30	4.65		29.06	
		13	0.15	0.30		0.05	
		1	1.20	1.20		1.44	
	Anganvadi Building	1	5.85	4.10		23.99	
		1	7.20	4.00		28.80	
						83.33	83m @ RS 737.55
							=61461.89

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
28)	Providing and fixing White vitreous china Pedestal type water closet [European type] with Seat and lid, lolitre low level white vitreous china. for Samudhaya Bhavana	2				2.00	
						2.00	Each @ Rs 4954.95 = 9909.90
29)	Providing and fixing one Piece construction White vitreous china squatting Plate with an integral longitudinal flushing Pipe, white PVC automatic flushing. for Samudhaya Bhavana	2.00				2.00	
	@ Rs 5147.01 = 10294.02.					2.00	Each

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

130011

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
30/	LED Indoor Supplying of 2'ft - LED PVC Square Battens... W with high quality diffuser with life of 25 000 burning hours - & 70% lumen maintenance with CRI > 80-00 for Samudhya Bhavana						
	hall	6.00				6.00	
	Toilet	2.00				2.00	
	Near door	2.00				2.00	
		5.00				5.00	
						15.00	Each @ Rs 446.40 = 6696.00

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
31)	Supplying and fixing 6 Slim Patty Fitting, made out of CRCA sheet metal body with locking type holder completly. Samudhaya Bhavana	8-00				8-00 / 8-00	Each @ Rs 18750 = 150000.00
32)	Supplying heavy gauge PVC conduit pipe --- mm dia thick confirming to IS 2509 with suitable size bends metal/PVC junction boxes, adhesive Paste etc-and Running before concreting the slab. qty vide Pre-Measurement Recorded on this MB Pg no - 130035-36 qty 40.00m @ Rs 63.00 = 2520.00.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To 130012

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
33)	Supply and delivery of Centrifugal Pumpset at site brand new best make and with discharge. Samudhaya Bhavana	2.00				2-00	
						2.00	Each @ Rs 17295-30 = 34590-60
34)	Supplying of ceiling fan with capacitor of BEE 5 stor rating and IS:374/79 1984.					rating	As Per guideline and also with IS1709/
	ceiling fan	5.00	Cyft	1		5.00	Each @ Rs 2654-10 = 13270-50

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
35)	Round SS Chairs for Samudhaya Bhavana Complete as per Specification- Samudhaya Bhavana Round SS chairs	50.00				50-00 Nos @ RS 1170.00 = 58500.00	
36)	Spaceranda Apollo Full Stainless steel Folding table, 18 gauge multi Purpose table, metal conference table. At Samudhaya Bhavana Stainless Folding table	8.00				8-00 Nos @ RS 152100 = 12168000	

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

130013

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
37)	GREEN SOUL Seoul-X mid Back Ergonomic Chair [Home office, WFH Moulded foam Extra comfort fabric office. Executive chair. At Samudhoya Bhavana chairs	1.00				1.00	Each @RS 5901.48 = 5901.48.
38)	Godrej Boltless Rack for storing books of all types, complete as per specification. At samudhoya Bhavana Godrej Book Rack	1.00				1.00	Each @RS 19773.00 = 19773.00

MEASUREMENT BOOK

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
39>	Nilkamal metalica visitor chair, Complete As Per Specification and direction of Engineer in charge. At Samadhoya Bhavana metalica visitor Chair	4.00				4.00	Each @ R.
40>	four shelf Almirah for office and institutional usage made with Painted or Powder coated ISI Grade mild steel. At Samudhoya Bhavana office Almirah - four Shelves	1.00				4.00 1.00 1.00	Each @ Rs 2808.00 = 11232.00 Each @ Rs 14625.00 = 14625.00

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....

130014

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
41)	Wood yaa Acura office Table-home office desk designed to effortlessly hide computers -equipment complete. Samudhaya Bhavana						
	Acura office table	1-00				1-00	
						1-00 Each @ RS 8656.83	
						=8656.83	
42)	Rubber door mats. complete As per specification and directions of Engineer in charge.						
	door mats	6-00				6-00	
						6-00 Each @ RS 29250	
						=1755-00	

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sub total				8,59,841.82		
	Gst 18%.				1,54,771.53		
	Grand total				1914,613.34		
	Certificate						
	1) The above work has been completed satisfactorily						
	2) The debris has been removed and disposed from the work slot						
	3) No. departmental issues are made to the contractor.						
	[illegible]						
	[illegible]						
	[illegible]

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

130015

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1st and Final bill						
	Gross Amt : 1014000=00						
							JOB Code : 005-23-000014
							SBR No : 77/23-24
							Date : 02/01/2024
	FSD :						
	CCST : 8593=00						
	SCC : 8593=00						
	IT : 101400=00						
	LC : 101400=00						
	CBT : 1014=00						
	Fine - 3500=00						
	Re : 4300=00						
	T.D. : 46280=00						
	Net Amt : 967720=00						
				Audited & Admitted for Rs. 1014000=00			
					967720=00		
				and Rs.	46280=00		
				Accts Staff Grade-2 Vaibhav Division		Executive Engineer Vaibhav Division	